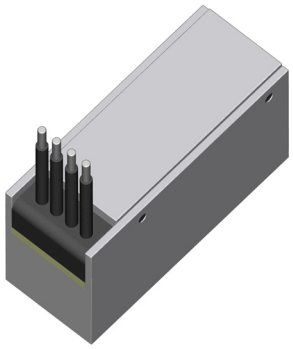
UHR 4-5020D

Special Resistors



- **Resistances from 1Ohm to 40Ohms**
- **Power Rating to 8Watt**
- **Resistance Tolerances to ±0.1%**
- **TCR to ±5ppm/K**
- **Load Stability to 0.1%**

SPECIFICATIONS

Type	UHR 4-5020D
Resistance Range	1.0 to 40 Ohms Other values upon request
Power rating (70°C)	8 W
Pulse Energy	1 kJ / 1s
Thermal Resistance Rthj-c	10 K/W
Tolerances	0.1% Other tolerances upon request
Stability	0.1%
Temperature Coefficient	±5ppm/K (-55 to 155°C)
Insolation Resistance	3 kVDC
max. Current	3 A
Thermal EMF	< 0.1µV/K
Operating Temperature Range	-55 to 155°C
Resistor Material	NiCr-Foil
Substrate	AlN
Housing	Al
Connector Material	Cu tinned
Terminals	4

Ordering Information

Part Number - Resistance - Tolerance
UHR 4-5020D 10Ohms 0.1%

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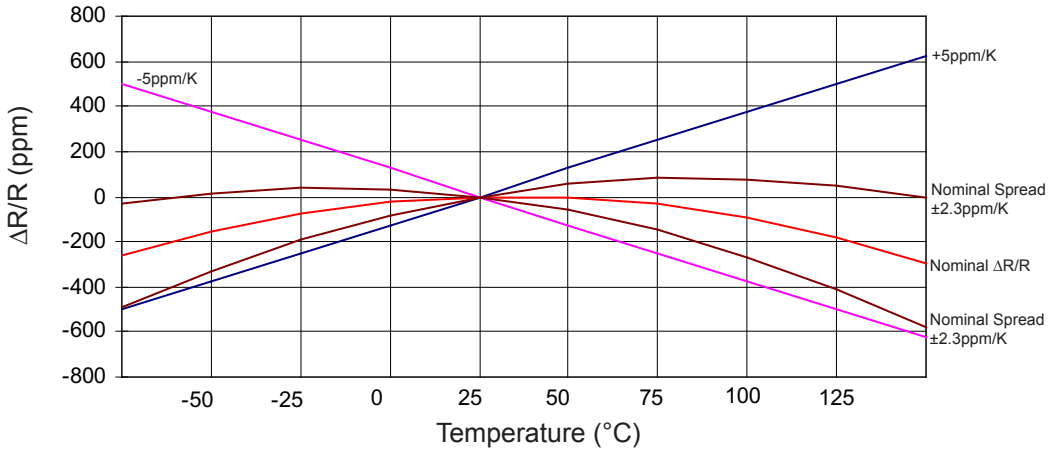
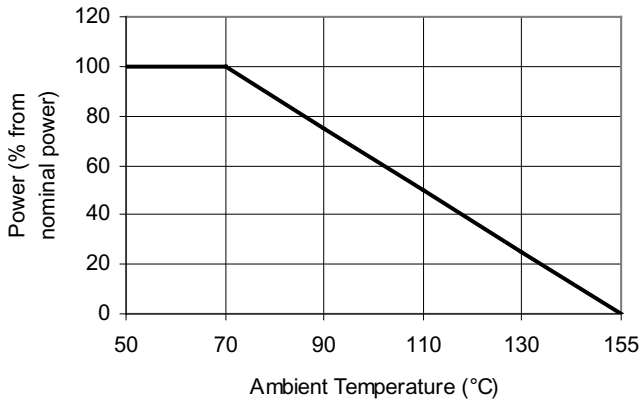
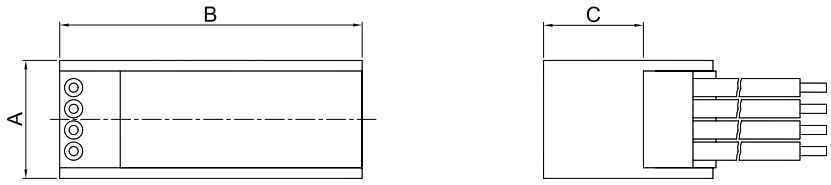
SPECIFICATIONS (continued)

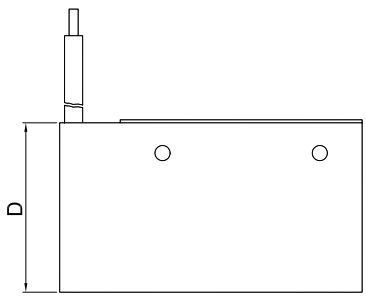
Temperature Coefficient





Dimensions





Dimension	mm	tol. (±mm)	inches	tol. (±inches)
A	19.50	0.2	0.77	0.008
B	50.00	0.3	1.97	0.012
C	16.50	0.2	0.65	0.008
D	28.00	0.2	1.10	0.008

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